

SPECIFICATIONS PURSUANT TO CT6.74# - SLASH TREATMENT REQUIREMENTS  
(02/2002)

DESIGNATED PURCHASER WORK  
TIMBER SALE  
SLASH PLAN AND SPECIFICATIONS  
Umatilla National Forest Revision 08/03

Spec Cross Ref Nos.	Work Item Identification	Map Symbol	ESTIMATED Amount of Work/Areas to be treated.
	Grapple Slash Piling	GP	<u>239</u> acres within designated areas
	Treatment of Landing Slash	Map Note	All landings used or constructed by Purchaser
	Whole Tree Yard	WTY	<u>252</u> acres within designated areas

## CT6.74# SPECIFICATION

3. GRAPPLE PILING OF SLASH

Purchaser shall grapple pile slash, with a "lift and pile" mechanism as opposed to the tractor method of "push and pile", within designated areas as indicated on the Sale Area Map and Slash Disposal Map.

a. Specifications

In areas designated for grapple piling Purchaser shall pile slash 9" d.i.b. (diameter inside bark) on the large end and between 2-10' in length. If sufficient fuels to construct a minimum pile do not exist within the working radius (50 feet from pile center) of the piling machine, the area will not be piled. Grapple head will be used to smash down the pile as it is built to ensure piles are compact and burnable. Material protruding more than 3 feet from the perimeter of the pile will be cut off and placed on the pile. Piles will not exceed 8 feet in height and 10 feet in diameter and will not be less than 4 feet in height and 4 feet in diameter.

Dead and down woody materials at least 16 feet or more in length and at least 12" in diameter at the small end will be left undisturbed in its bed if possible, at the rate of an average of 2 down logs per acre. Slash that is on top of rotten logs will be removed so as to cause as little disturbance to the log as possible.

All burnable material will be removed from around the pile for a width of at least 10 feet. This is not intended to include duff and/or needles.

Piles will be located at least 10 feet from the drip line of leave trees (standing green or snags). Piles shall not be located on road surfaces, ditchlines, or bottoms of draws which carry water during periods of surface runoff.

b. Operating Restrictions

(1) Equipment shall not operate on slopes that exceed 30% unless otherwise agreed.

(2) Equipment shall operate on logging slash with no less than an average total fuel bed depth of eight inches. Should slash depth average be less than eight inches, equipment shall operate on approved skid trails. The objective is to not add additional soil disturbance or compaction than already exists in the area.

(3) All refueling, maintenance, and repairs will be done at landings.

c. Equipment to be used for Piling

Equipment shall be track-mounted, capable of piling logging slash, and meet the following specifications:

(1) Capability of reaching 25 feet with an effective reach of 15 feet.

(2) Ground pressure not exceeding 5 p.s.i..

(3) Climbing ability up to 30% slope.

(4) Pivot- Operator cab, engine, and arm shall be able to swing 360 degrees while tracks remain stationary.

(5) Machine shall be equipped with bucket and thumb mechanism.

(6) Equipment shall be as free of fluid leaks as possible and have hoses and hydraulics in good operating condition.

(7) The cab/canopy shall be firmly secured to the machine and free of broken glass with metal screen over front window

(8) Capable of picking up woody debris from 3"by 24" to 3' by 20'

6 . LANDING SLASH

All slash created through the construction and use of the landing area will be machine or hand piled. Machine piles will be constructed with a brush blade or loader. Piles will be compact and free of soil. Piles will be located at least 25 feet from the dripline of live trees or regeneration.

9. . WHOLE TREE YARDING

Tops and limbs will be left attached to the tree and yarded to the landing or other locations designated by the Forest Service and piled after being severed from the tree.